

Application No.: 08/765,695

Docket No.: HO-P01525US0

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36. (currently amended) A method for the treatment of a disease condition in a mammal, which condition means the presence of specific cells that are associated with the condition by the expression of a disease specific cell surface structure, wherein one administers to the mammal a therapeutically effective amount of covalent conjugate that is able to activate T lymphocytes to lyse cells that carry the disease specific cell surface structure and comprises:

a. a biospecific affinity counterpart that is capable of binding to said surface structure, and

b. a peptide that

- i. contains an amino acid sequence that is derived from a superantigen selected from the group consisting of staphylococcal enterotoxin A, B, C1, C2, D and E,
- ii. has the ability to bind to a V β of a T cell receptor, and
- iii. has been mutated in that at least one of the following amino acid residue substitutions have been made: F47A, N128A, H187A, H225A or D227A in staphylococcal enterotoxin A or corresponding residues in the other superantigens to show a modified ability to bind to MHC class II antigens compared to the superantigens from which the peptide is derived.

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58. (new) The method of claim 36, wherein the disease is selected from the group consisting of cancer, viral infection, autoimmune disease and parasitic infestation.

59. (new) The method of claim 58, wherein the disease is cancer.

60. (new) The method of claim 36, wherein the biospecific affinity counterpart comprises polypeptide structure.

61. (new) The method of claim 60, wherein the biospecific affinity counterpart is selected from the group consisting of an antibody or an antigen-binding fragment thereof.

62. (new) The method of claim 60, wherein the biospecific counterpart and the peptide are fused together.

63. (new) The method of claim 61, wherein the biospecific counterpart and the peptide are fused together.

64. (new) The method of claim 36, wherein the superantigen is staphylococcal enterotoxin A.
